

OBTAINING FLAT GLASSES HAVING BONDING SURFACES WITH A DEGREE OF SURFACE PRECISION LESS THAN  $1/2\lambda$

CLEANING THE BONDING SURFACES OF THE FLAT GLASSES

EXAMINING THE FLAT GLASSES WITH AN INTERFEROMETER

PLACING THE FLAT GLASSES IN A CLAMP

TIGHTENING THE CLAMP UNTIL THE FLAT GLASSES ARE COMBINED TO ACHIEVE AN OPTICAL LENS ASSEMBLY

HEATING THE CLAMP TO ACCELERATE BONDING (OPTIONAL)

SEPARATING THE OPTICAL LENS ASSEMBLY FROM THE CLAMP

FIG.1

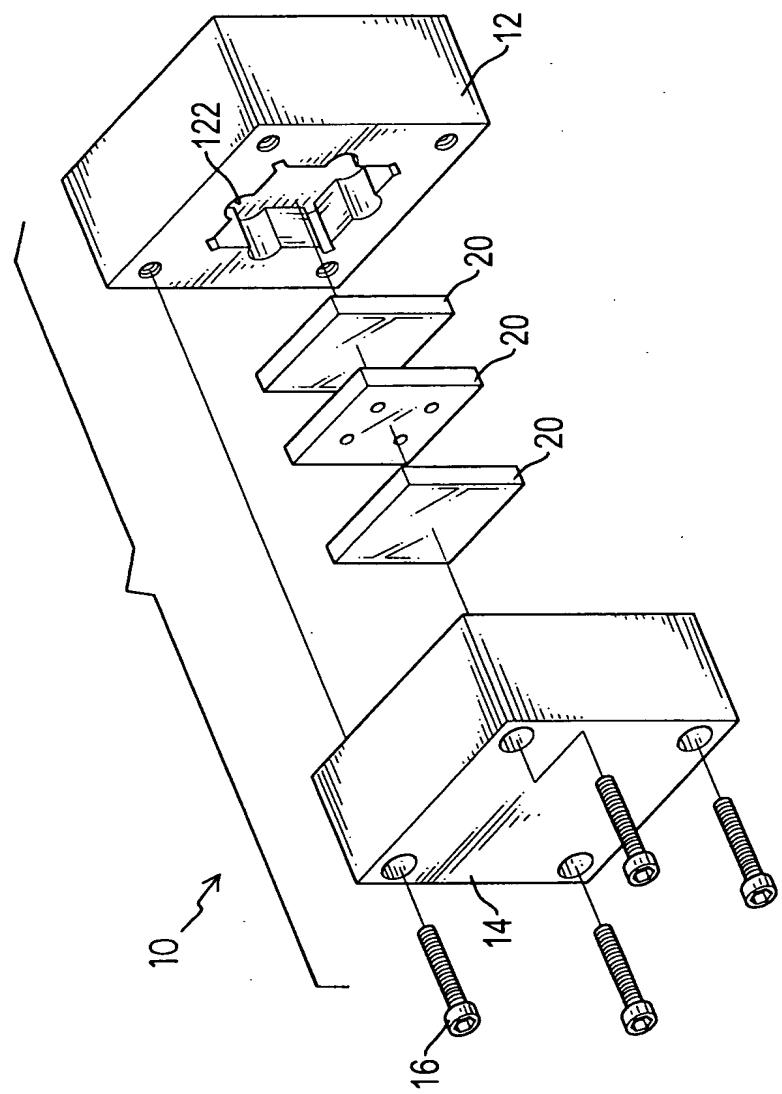


FIG.2

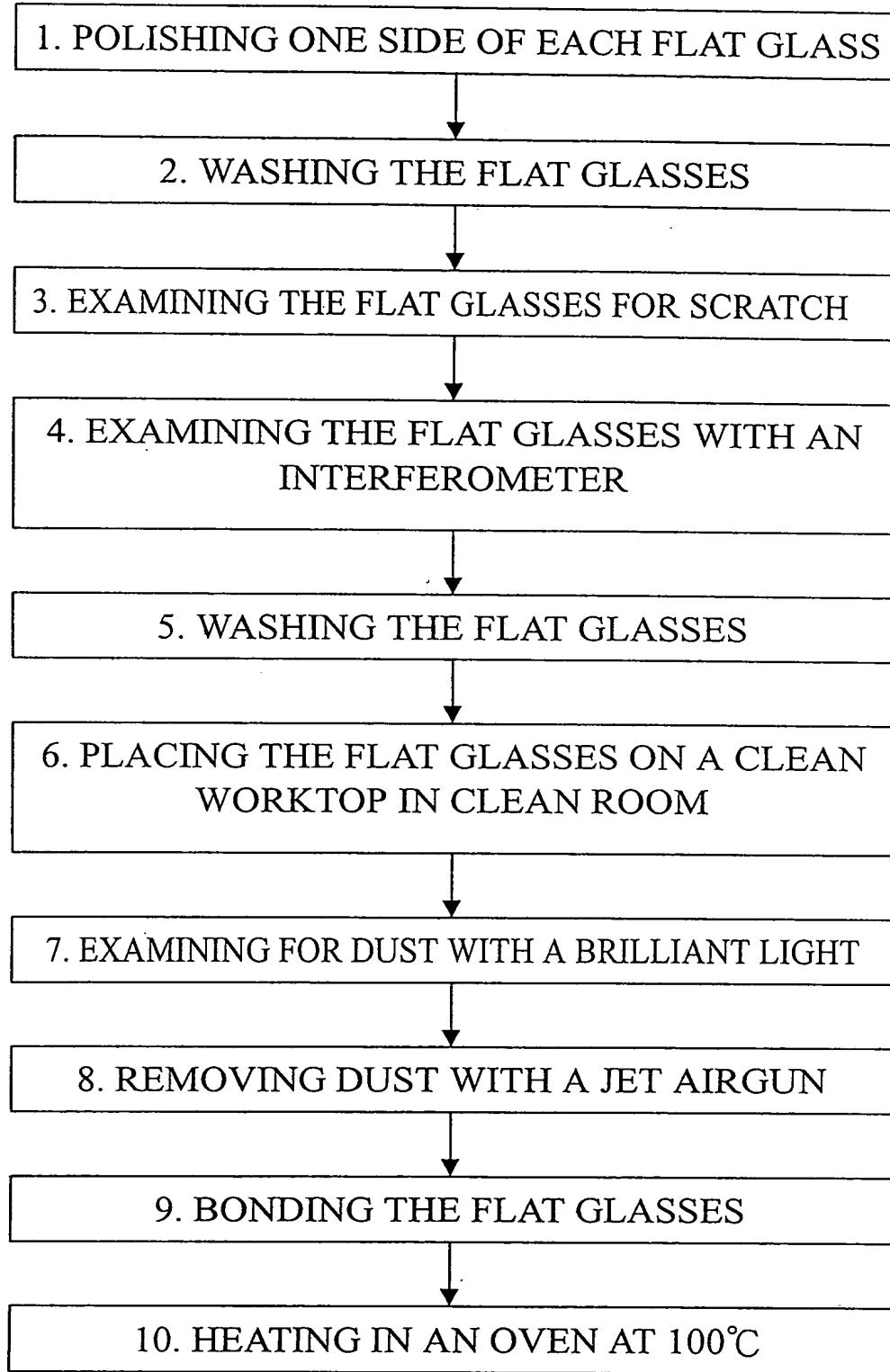


FIG.3

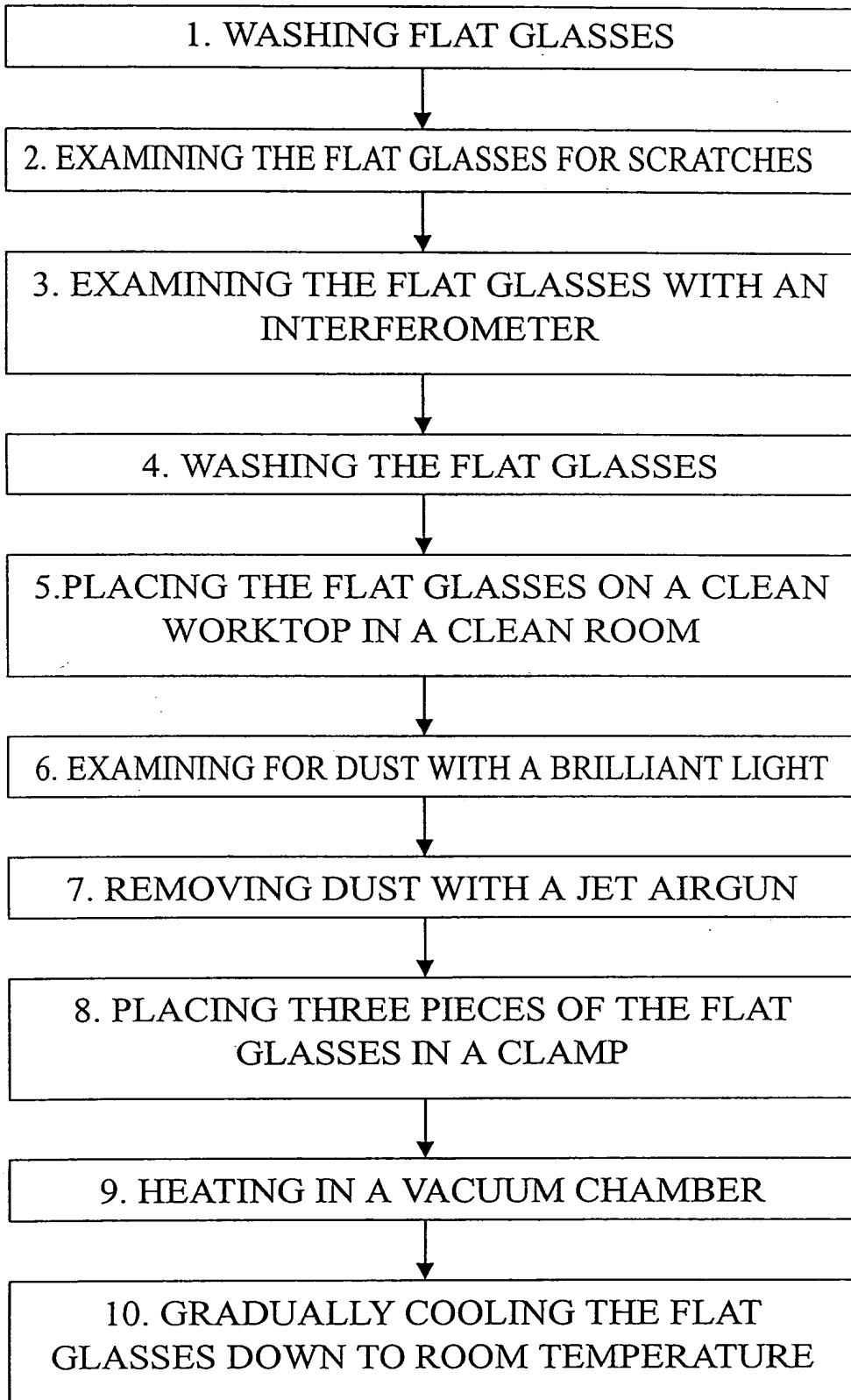


FIG.4